

1 CLAIMS

2 What is claimed is:

3

4 1. A method comprising:

- 5 a. storing, in a receiver, an information resource
6 identified by a first resource identifier;
7 b. monitoring a data service channel of a broadcast
8 signal for a script trigger, wherein the script
9 trigger includes a second resource identifier and
10 a script; and
11 c. executing the script on the receiver, upon
12 receipt of the script trigger, if the second
13 resource identifier matches the first resource
14 identifier of the information resource.

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16 2. The method of Claim 1, further comprising displaying
17 the information resource stored in memory.

18
19 3. The method of Claim 1, wherein the information
20 resource is a Web page.

21
22 4. The method of Claim 1, wherein the information
23 resource comprises tags that define a context of the
24 resource, and wherein the script modifies the context.

25
26 5. The method of Claim 4, wherein the Web page further
27 includes a second script.

28
29 6. The method of Claim 1, wherein the script is a
30 fragment of a second script resident on the
31 information resource.

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- 1 7. The method of Claim 6, wherein the script fragment
2 comprises a command to the second script.
3
- 4 8. The method of Claim 1, further comprising displaying a
5 video portion of the broadcast signal, wherein the
6 script trigger synchronizes the information resource
7 with the video portion of the broadcast signal.
8
- 9 9. The method of Claim 1, wherein the broadcast signal
10 comprises video data, and wherein the script trigger
11 induces an enhancement of the information resource.
12
- 13 10. The method of Claim 1, wherein the first and second
14 resource identifiers are URLs.
15
- 16 11. A method for synchronizing a broadcast signal and an
17 information resource simultaneously residing on a
18 plurality of remote receivers, the method comprising:
19 a. embedding a script trigger in a data service
20 channel of the signal, the script trigger
21 including:
22 i. a resource identifier unique to the
23 information resource; and
24 ii. a script for updating the information
25 resource; and
26 b. broadcasting the signal.
27
- 28 12. The method of Claim 11, wherein the signal is
29 broadcast to a second plurality of receivers in
30 addition to the first-mentioned plurality of
31 receivers, and wherein the information resource does
32 not reside on the second plurality of receivers.

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- 2 13. The method of Claim 11, wherein the data service
- 3 channel is a captioning service channel.
- 4
- 5 14. The method of Claim 11, wherein the information
- 6 resource includes a second script, and wherein the
- 7 first-mentioned script passes a value to the second
- 8 script.
- 9
- 10 15. The method of Claim 11, wherein the broadcast signal
- 11 is a National Television Standards Committee (NTSC)
- 12 video signal including a text or data-service channel.
- 13
- 14 16. The method of Claim 15, wherein the data service
- 15 channel is line 21 of the NTSC video signal.
- 16
- 17 17. The method of Claim 11, wherein the broadcast video
- 18 signal is selected from a group consisting of Phase
- 19 Alternate Lines (PAL), Sequential Couleur Avec Memoire
- 20 (SECAM), High Definition Television (HDTV), a Digital
- 21 Video Broadcasting (DVB) signal, or an Advanced
- 22 Television Systems Committee (ATSC) signal.
- 23
- 24 18. The method of Claim 11, further comprising generating
- 25 a checksum for the resource identifier and the script
- 26 and inserting the checksum into the script trigger.
- 27
- 28 19. A method comprising:
- 29 a. embedding a script trigger in a data service
- 30 channel of a video signal, the data service
- 31 channel selected from a captioning service
- 32 channel or a text service channel, the script

1 trigger complying with a predetermined syntax and
2 including a resource identifier and a script; and
3 b. broadcasting the video signal.

4
5 20. A machine-readable medium having stored thereon data
6 representing sequences of instructions, wherein the
7 instructions, when executed by a processor, cause the
8 processor to:

9 a. embed a script trigger in a data service channel
10 of a signal, the script trigger including:

11 i. a resource identifier unique to an
12 information resource; and

13 ii. a script for updating the content of the
14 information resource; and

15 b. broadcast the signal.

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17 21. A machine-readable medium having stored thereon data
18 representing sequences of instructions, wherein the
19 instructions, when executed by a processor, cause the
20 processor to:

21 a. display an information resource identified by a
22 first resource identifier;

23 b. monitor a data service channel of a broadcast
24 video signal for a script trigger, wherein the
25 script trigger includes a second resource
26 identifier and a script; and

27 c. execute the script, upon receipt of the script
28 trigger, if the second resource identifier
29 matches the first resource identifier of the
30 information resource.

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